

WEST Search History

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<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L19	L18 and (prefetch\$ or cach\$ or predict\$) (sibling\$ or peer or neighbor\$) same (tree or hierarch\$ or tier\$ or parent\$)	2
<input type="checkbox"/>	L18	same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line)	19
<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L17	115[ti,ab]	2
<input type="checkbox"/>	L16	L15 and 113	14
<input type="checkbox"/>	L15	112 same (prefetch\$ or cach\$ or predict\$)	46
<input type="checkbox"/>	L14	112 and L13	87
<input type="checkbox"/>	L13	(709/217-219 or 709/235 or 707/1 or 707/10).ccls. (sibling\$ or peer or neighbor\$) same (tree or hierarch\$ or tier\$ or parent\$)	12292
<input type="checkbox"/>	L12	same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line)	762
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L11	16 and L10	2
<input type="checkbox"/>	L10	19 or (709/217-219).ccls.	3627
<input type="checkbox"/>	L9	709/235[ccls]	350
<input type="checkbox"/>	L8	6282542[uref]	9
<input type="checkbox"/>	L7	L6[ti,ab] (sibling\$ or peer or neighbor\$) same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line) same (predict\$ or prefetch\$)	1
<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L5	(sibling\$ or peer or neighbor\$) same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line) same (predict\$ or prefetch\$ or cach\$)	12
<input type="checkbox"/>	L4	sibling\$ same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line) same (predict\$ or prefetch\$ or cach\$)	1
<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L3	sibling\$ same (web\$ or internet\$ or http\$ or html\$ or hyper\$ or brows\$ or ip or xml\$ or wml\$ or online or on-line) same (predict\$ or prefetch\$ or cach\$)	34
<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L2	sibling\$ same cach\$ same brows\$	1
<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L1	sibling\$ same cach\$ same brows\$	2
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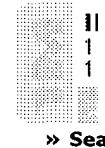
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		<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	sibling same brows\$ same (pag\$ or webpag\$ or websit\$ or (web sit\$))	0
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	sibling same brows\$ same (pag\$ or webpag\$ or websit\$ or (web sit\$))	24
		<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	sibling same brows\$ same (pag\$ or webpag\$ or websit\$ or (web sit\$)) same cach\$	0
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	sibling same brows\$ same (pag\$ or webpag\$ or websit\$ or (web sit\$)) same cach\$	0
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	sibling same brows\$ same (pag\$ or webpag\$ or websit\$ or (web sit\$)) same cach\$	0
<input type="checkbox"/>	L1	6598048[pn]	1

END OF SEARCH HISTORY

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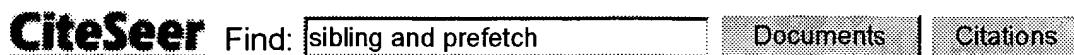
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Searching for **sibling and prefetch**.

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4 documents found. Order: number of citations.

[The SB-tree: An Index-Sequential Structure for High-Performance.. - O'Neil \(1992\) \(Correct\) \(3 citations\)](#)

a sequential scan can be performed by following **sibling** pointers between adjoining leaf nodes. Note

key. As explained later, we will not be using **sibling** pointer access in the SB-tree.A B *tree has

read) The time to perform a sequential **prefetch** read [of 64 contiguous pages] could be estimated

www.cs.umb.edu/~poneil/sb-tree.ps

[Reducing Web Latency with Hierarchical Cache-based Prefetching - Foygel, Strelow \(2000\) \(Correct\)](#)

(2 citations)

Harvest cache project. NetCache 's public domain **sibling** Squid[7]under development by the National
Reducing Web Latency with Hierarchical Cache-based Prefetching Dan Foygel and Dennis Strelow Computer
for previously requested documents, web document **prefetching** could mask latency for previously unseen, but
www.cs.cmu.edu/~dstrelow/prefetching.pdf

[Statement of Research Interests - Shimin Chen School \(Correct\)](#)

data structure to the Btrees or by adding **sibling** pointers to connect the nonleaf nodes that are

has developed elaborate techniques such as I/O **prefetching** and clustering that manage to hide I/O

past. Our work Our approach is to use software **prefetch** instructions to exploit available memory

www-2.cs.cmu.edu/~chensm/interests.ps

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